

# Abstracts

## Dual-Use Manufacturing at H E Microwave

---

J.J. Owens. "Dual-Use Manufacturing at H E Microwave." 1994 MTT-S International Microwave Symposium Digest 94.3 (1994 Vol. III [MWSYM]): 1785-1788.

H E Microwave was formed in July, 1990 as a joint venture between Hughes Aircraft and Delco Electronics, to design and build radar modules for military and commercial applications. Its products are small electronics "modules" containing microwave substrates loaded with electronic components such as integrated circuits. Located in Tucson, Arizona, H E Microwave has established a flexible manufacturing facility capable of building commercial and military modules with equal ease. Automotive collision avoidance systems have been developed using military radar technology, while T/R modules for phased array military radar have benefited from commercial manufacturing methodology. Taken together, H E microwave is a prime example of the successful implementation of dual-use manufacturing.

[Return to main document.](#)